

## SEQUENCE LISTING

10/549302  
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&lt;110&gt; Wyeth Holdings Corporation

<120> MUTANT CHOLERA HOLOTOXIN AS AN ADJUVANT AND AN ANTIGEN CARRIER  
PROTEIN

&lt;130&gt; AM100485

&lt;160&gt; 8

&lt;170&gt; PatentIn version 3.2

&lt;210&gt; 1

&lt;211&gt; 720

&lt;212&gt; DNA

&lt;213&gt; Vibrio cholerae

&lt;400&gt; 1

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&lt;212&gt; PRT

&lt;213&gt; Vibrio cholerae

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Lys Gln Ser Gly Gly Leu Met Pro Arg Gly Gln Ser Glu Tyr Phe Asp
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Arg Gly Thr Gln Met Asn Ile Asn Leu Tyr Asp His Ala Arg Gly Thr
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Gln Thr Gly Phe Val Arg His Asp Asp Gly Tyr Val Ser Thr Ser Ile  
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Ser Leu Arg Ser Ala His Leu Val Gly Gln Thr Ile Leu Ser Gly His  
65 70 75 80

Ser Thr Tyr Tyr Ile Tyr Val Ile Ala Thr Ala Pro Asn Met Phe Asn  
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Val Asn Asp Val Leu Gly Ala Tyr Ser Pro His Pro Asp Glu Gln Glu  
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Val Ser Ala Leu Gly Gly Ile Pro Tyr Ser Gln Ile Tyr Gly Trp Tyr  
115 120 125

Arg Val His Phe Gly Val Leu Asp Glu Gln Leu His Arg Asn Arg Gly  
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Tyr Arg Asp Arg Tyr Tyr Ser Asn Leu Asp Ile Ala Pro Ala Ala Asp  
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Gly Tyr Gly Leu Ala Gly Phe Pro Pro Glu His Arg Ala Trp Arg Glu  
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Glu Pro Trp Ile His His Ala Pro Pro Gly Cys Gly Asn Ala Pro Arg  
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